

**Geometry 4.5 Assignment Answer Bank: Using Congruent Triangles**  
**Units are not included in the answer bank. You need to include the units on your assignment**

Problem 6 is proof and isn't included in the answer bank

Problems 18 & 19 the legs and bases aren't included in the answer bank

75

127.6

170

452

669.9

1650

AAS

$$\overline{AB} \cong \overline{DC}$$

Acute

$$\overline{AD} \cong \overline{BC}$$

$$\triangle ADC \cong \triangle CBA$$

Alternate interior angle converse theorem

C

CPCTC

E

Isosceles

$$\overline{MN} \cong \overline{NP}$$

$$\overline{MT} \cong \overline{PT}$$

$$\angle MTN \cong \angle PTN$$

Reflexive property of congruence.

Right

$$\angle S \cong \angle R$$

SAS

Scalene

$$\overline{ST} \cong \overline{RU}$$

$$\angle T \cong \angle U$$